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UTILITY			Attorney	Docket No.	21431	US1			
PATENT APPLICATION			First Inve	entor	Hans-F	r Ha	ar tal.		
TRANSMITTAL			Title		Needle	eless			
(Only for new nonprovisional applications under 37 CFR 1.53(b))			Express	Mail Label No.	EL912	163442U	s		
See MPEP (		ION ELEMENTS ning utility patent application contents.	ADDRI	ESS TO:	Commission P.O. Box 145	tent Applicatio er for Patents 0 A 22313-1450	n		
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit en original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27.  3. Specification [Total Pages 73] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed)			(if a <sub>j</sub> a. b. c.	Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Reader Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies					
- Claim	ed Description (s)			ACCOMPANYING APPLICATION PARTS					
- Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [Total Sheets]  5. Oath or Declaration [Total Sheets]  a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76				9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other:					
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation  Divisional  Continuation-in-part (CIP)  of prior application No.:									
Prior application information: Examiner Art Unit:  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an eath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
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This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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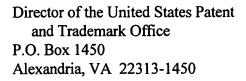
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Bernard Lau

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.





Hoffmann-La Roche Inc. 340 Kingsland Street Nutley, NJ 07110 Case Docket <u>21431 US1</u> November 24, 2003

Sir:

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Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the patent application of

Inventor(s): Hans-Peter Haar, Otto Fuerst, Hans List, George Bevan Kirby Meacham

For: NEEDLELESS HYPODERMIC INJECTION DEVICE WITH NON-ELECTRIC IGNITION MEANS

## 1. The fee has been calculated as shown below:

CLAIMS								
FOR	NO. FILED	NO. EXTRA	RATE	FEE				
TOTAL CLAIMS	90 - 20	70	x \$18	1260				
INDEP. CLAIMS	14 - 3	11	x \$86	946				
MULTIPLE DEPENDENT CLAIMS PRESENTED + \$290								
	\$ 770							
TOTAL <u>\$2976</u>								

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George W. Johnston Hoffmann-La Roche Inc. 340 Kingsland Street Nutley, NJ 07110

Attorney for Applicant(s)

Bernard Lau

(Reg. No. 38218)

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## **Certification under 37 CFR 1.10**

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Papers Submitted for Case Docket 21431 US1: Patent Application Transmittal Form, Application Data Sheet, Fee Transmittal Form, Specification, Drawings Information Disclosure Statement